Stations, 26 M902 Launching Stations, 5 Antenna Mast Groups, 1 Electronic Power Plant III (EPP), battery and battalion maintenance equipment, prime movers, generators, electrical power units, personnel training and equipment, trailers, communication equipment, tool and test sets, spare and repair parts, publications and technical documentation, Quality Assurance Team support services, U.S. Government and contractor engineering and logistics support service and other related elements of logistics support. The estimated total cost was $2.81 billion. Major Defense Equipment (MDE) constituted $1.57 billion of this total.

This transmittal notifies the inclusion of the following MDE items: one hundred (100) PAC–3 Missile Segment Enhancement (MSE) missiles; and two (2) PAC–3 MSE test missiles. Also included are M903 Launcher modification kits; missile round trainers; and Post Deployment Build (PDB) 8.1 software upgrade. The estimated total value of these additional items is $882 million. These additions will not result in an increase to the total estimated MDE value of $1.57 billion. The total estimated case value will remain $2.81 billion.

(iv) Significance: The proposed sale will enhance the recipient's PATRIOT missile system to improve its missile defense capability, defend its territorial integrity, and deter threats for regional stability.

(v) Justification: This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to modernize its armed forces and to maintain a credible defensive capability. The proposed sale will help improve the security of the recipient and assist in maintaining political stability, military balance, and economic progress in the region.

(vi) Sensitivity of Technology:

The PATRIOT Advanced Capability (PAC) 3 Missile Segment Enhanced missile is a small, highly agile, kinetic kill interceptor for defense against tactical ballistic missiles, cruise missiles and air-breathing threats. The MSE variant of the PAC–3 missile represents the next generation in hit-to-kill interceptors and provides expanded battlespace against evolving threats. The PAC–3 MSE improves upon the original PAC–3 capability with a higher performance solid rocket motor, modified lethality enhancer, more responsible control surfaces, upgraded guidance software, and insensitive munitions improvements.

The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

(vii) Date Report Delivered to Congress: December 1, 2022.

ARMS SALES NOTIFICATION

Mr. MENENDEZ. Mr. President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD–423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY COOPERATION AGENCY,
Washington, DC.

Hon. ROBERT MENENDEZ,
Chairman, Committee on Foreign Relations, U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 22–0S. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 20–77 of October 21. 2020.

Sincerely,

JAMES A. HURSCH,
Director.

Enclosures.

TRANSMITTAL NO. 22–0S

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(b)(5)(C), AECA)

(i) Purchaser: Taipei Economic and Cultural Representative Office in the United States (TECRO).

(ii) Sec. 36(b)(1), AECA Transmittal No.: 20–77; Date: October 21, 2020; Military Department: Army.

Funding Source: National Funds.

(iii) Description: On October 21, 2020, Congress was notified by Congressional certification transmittal number 20–77, of the possible sale, under Section 36(b)(1) of the Arms Export Control Act, of eleven (11) High Mobility Artillery Rocket Systems (HIMARS) M142 Launchers; sixty-four (64) Army Tactical Missile Systems (ATACMS) M57 Unitary Missiles; seven (7) M1152A1 High Mobility Multipurpose Wheeled Vehicles (HMMWVs); eleven (11) M240B Machine Guns, 7.62MM; and seventeen (17) International Field Artillery Tactical Data Systems (IFATDS). Also included were fifty-four (54) M28A2 Low Cost Reduced Range Practice Rocket Pods (LCRRPR); eleven (11) M2A1 machine guns, .50 caliber; twenty-two (22) AN/NRC–92E dual radio systems; seven (7) AN/NRC–92E dual radio ground stations; fifteen (15) AN/VRC–90E single radio systems; eleven (11) M1084A2 cargo Family of Medium Tactical Vehicles (FMTV) Resupply Vehicles (RSV); two (2) M1089A2 cargo wrecker FMTV RSV; eleven (11) M1095 trailer cargo FMTV, 5-ton; support equipment; communications equipment; spare and repair parts; test sets; laptop computers; training and training equipment; publication; systems integration support; technical data; Stockpile Reliability Program (SRP); Quality Assurance and Technical Assistance Teams; U.S. Government and contractor technical, engineering, and logistics support services; and other related elements of logistical and program support. The estimated total cost was $436.1 million. Major Defense Equipment (MOE) constituted $357.5 million of this total.

This transmittal notifies the inclusion of the following MOE items: an additional eighteen (18) High Mobility Artillery Rocket Systems; twenty (20) Army Tactical Missile Systems Pods; eleven (11) M1152A1 High Mobility Multipurpose Wheeled Vehicles integrated with C2 shelter; four (4) M1152A1 HMMWVs integrated with SECM shelter; and one hundred forty-four (144) M31A2 Guided Multiple Launch Rocket System (GMLRS) Unitary High Explosive (HE) Pods with Insensitive Munitions Propulsion System (IMPS). Also included are additional 5-ton M1084A2 cargo Family of Medium Tactical Vehicle (FMTV) Resupply Vehicles (RSV) without winch; 5-ton M1089A2 with winch wreckers; 5-ton M1095 trailers with resupply kits; Intercom Systems to support the HIMARS Launcher; radio/communication mounts; machine gun mounts; battle management system Vehicle Integration Kit; wheel guards; ruggedized laptops; training; training equipment; publications for HIMARS; and munitions, spares, services, and other support equipment. The estimated total value of the additional items is $520 million. The total estimated MOE value will increase by $430 million to $787.5 million, resulting in an estimated total case value of $956.1 million.

(iv) Significance: The proposed sale will improve the recipient's military goals of updating capability while further enhancing interoperability with the United States and other allies. The recipient intends to use these defense articles and services to modernize its armed forces and expand its capability to strengthen its homeland defense and deter regional threats.

(v) Justification: This proposed sale serves U.S. national, economic, and security interests by supporting the recipient's continuing efforts to modernize its armed forces and to maintain a credible defensive capability. The proposed sale will help improve the security of the recipient and assist in maintaining political stability, military balance, and economic progress in the region.

(vi) Sensitivity of Technology: The M31A2 GMLRS Unitary HE with IMPS is the Army's primary munition for units fielding the M142 HIMARS and M270 Multiple Launcher Rocket System (MLRS) Launchers. The GMLRS Unitary is a solid propellant artillery rocket that uses Global Positioning System/Precise Positioning Service (GPS/PPS)-aided inertial guidance to accurately and quickly deliver a single high-explosive blast fragmentation warhead to targets at ranges from 15–70 kilometers. The rockets are fired from a launch pod container that also serves as the storage and transportation container for the rockets. Each rocket pod holds six (6) total rockets.

The Sensitivity of Technology Statement contained in the original notification applies to remaining items reported here.

The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

(vii) Date Report Delivered to Congress: December 5, 2022.

TRIBUTE TO DR. THOMAS ZACHARIA

Mr. HAGERTY. Mr. President, on behalf of myself and Mrs. BLACKBURN, I ask unanimous consent that the following remarks be placed in the CONGRESSIONAL RECORD in recognition of Dr. Thomas Zacharia, Director of the Oak Ridge National Laboratory—ORNL.

For 35 years, Dr. Zacharia has provided transformative scientific leadership that has established ORNL as one of the world's premier research institutions, fulfilling national missions in diverse fields, including advanced materials, nuclear science and engineering, neutron science, and high-performance computing.

Dr. Zacharia's vision guided the creation of the Oak Ridge Leadership Computing Facility and established ORNL as the Nation's leading supercomputing institute with the deployment of 10 supercomputers, including